Maximum Utilization of Nuclear Power

Nuclear power is a stable source of energy that features high energy density, emits no CO₂ during electricity generation, and is unaffected by weather or climate*.

Nuclear power

- Prioritizing safety and in dialogue with the local community, we will continue to maximize the use of existing reactors by enhancing their utilization rates.
- In the future, we plan to explore the use of next-generation innovative reactors that offer high levels of safety, including next-generation light water reactors, SMRs, and HTGRs, as well as leveraging nuclear energy to produce hydrogen.

*High-level radioactive waste generated from the reprocessing of spent fuel will be ultimately disposed in stable geological formations deep underground by the Nuclear Waste Management Organization of Japan (NUMO), an authorized corporation by the Ministry of Economy, Trade and Industry

